

What is claimed is:

1. A hydrogen supply method for measuring fuel consumption of a hydrogen fuel vehicle comprising the steps of:

supplying hydrogen from a dummy hydrogen tank to hydrogen supply piping connecting a measurement hydrogen tank and said hydrogen fuel vehicle, to purge air in said hydrogen supply piping, prior to supplying hydrogen from a measurement hydrogen tank to said hydrogen fuel vehicle; and

supplying hydrogen from said measurement hydrogen tank to said hydrogen fuel vehicle via said hydrogen supply piping after filling of the hydrogen supply piping with hydrogen from said dummy hydrogen tank.

2. A hydrogen supply method for measuring fuel consumption of a hydrogen fuel vehicle using a hydrogen supply apparatus with a plurality of measurement branch pipes connected to main piping connected to said hydrogen fuel vehicle, and measurement hydrogen tanks connected to each of the measurement branch pipes, comprising the steps of:

performing air purge processing to purge air in said main pipe and said measurement branch pipes and replace with hydrogen, prior to supply of hydrogen from

said measurement hydrogen tanks to said hydrogen fuel vehicle,

wherein, said air purge processing comprising; a first step for pressurizing said main pipe with hydrogen from a dummy hydrogen tank with said main pipe closed off from said measurement branch pipes, a second step for closing off said dummy hydrogen tank from said main pipe following said first step, and making said main pipe and said measurement branch pipes continuous, and mixing the hydrogen in the main pipe and the air in the measurement branch pipes, and a third step for discharging the gas mixed in said second step from the piping, and

supplying the hydrogen from said measurement hydrogen tanks to said hydrogen fuel vehicle via said main pipe and said measurement branch pipes, after performing said air purge processing.

3. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle comprising:

- a main pipe connected to said hydrogen fuel vehicle;
- a measurement tank filled with hydrogen for measurement;
- a dummy hydrogen tank filled with hydrogen for dummy use;
- a measurement branch pipe having an opening/closing device which connects said main pipe and said measurement hydrogen tank, and

a dummy branch pipe having an opening/closing device which connects said main pipe and said dummy hydrogen tank.

4. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 3, wherein said measurement hydrogen tank is multiply provided, and said measurement hydrogen tanks are connected in parallel to said main pipe via each of said measurement branch pipes.

5. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 3, wherein said measurement branch pipe and said dummy branch pipe are releasably connected by a connector fitted with an automatic open/close mechanism that automatically opens and closes when the connector is fitted or removed, which is provided therebetween to enable separation and connection as necessary.

6. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 4, wherein said measurement branch pipe and said dummy branch pipe are releasably connected by a connector fitted with an automatic open/close mechanism that automatically opens and closes when the connector is fitted or removed, which is provided therebetween to enable separation and connection as necessary.

7. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 3, wherein a pressure regulator is provided in said main pipe downstream of a connection located furthest downstream of the connections between said measurement branch pipes and said dummy branch pipe, and said main pipe.

8. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 4, wherein a pressure regulator is provided in said main pipe downstream of a connection located furthest downstream of the connections between said measurement branch pipes and said dummy branch pipe, and said main pipe.

9. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 5, wherein a pressure regulator is provided in said main pipe downstream of a connection located furthest downstream of the connections between said measurement branch pipes and said dummy branch pipe, and said main pipe.

10. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 6, wherein a pressure regulator is provided in said main pipe downstream of a connection located furthest downstream of the connections between said measurement branch pipes and said dummy branch pipe, and said main pipe.

11. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 4, wherein a pressure regulator is provided for each of a plurality of said measurement branch pipes.

12. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 5, wherein a pressure regulator is provided for each of a plurality of said measurement branch pipes.

13. A hydrogen supply apparatus for measuring fuel consumption of a hydrogen fuel vehicle according to claim 6, wherein a pressure regulator is provided for each of a plurality of said measurement branch pipes.